

ASSISTANT SECRETARY OF COMMERCE AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

## NOTICE OF FILING/CLAIM FEE(S) DUE.

TO ENSURE PROPER CREDIT OF FEES, PLEASE RETURN A COPY OF

r E	EE CALCUI	LATION SH	EET WITH	I YOUR RE	SPONSE	OF TE		
APPLICATIO	N NUMBER	:	110234	183	O. 1011.			
Total Fee Calculation								
	Fee Code	Total # Claims	Number Extra	<u>C</u> Fee		<i>!</i>		
	Sm_/Lg_			100	Fee =	Tota!		
Basic Filing Fee	201/101			Sm. Entity	Lg. Entity			
Total Claims >20	203/103	<u>81</u>	61		00	790		
Independent Claims >3	202/102	12 ===	$\frac{1}{2}$		22	1342		
Mult. Dep Claim Present	204/104		x		82	738		
Surcharge	205/105					270		
English Translation	139				<del></del> 5	130		
TOTAL FEE CALCULA	TION	•						
Fees due upon filing th	_					3270		
Total Filing Fees Due =	=\$	3270.00	<u> </u>					

Less Filing Fees Submitted

BALANCE DUE

3270.00





## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1997

Application or Docket Number

09/023 483

CLAIMS AS FILED - PART I (Column 1) (Column 2)					SMALL TYPE	ENTITY	OR	OTHEF SMALL	R <sub>I</sub> THAN ENTITY	
FOR	FOR NUMBER FILED		NUMBER	NUMBER EXTRA		FEE		RATE	FEE	
BASIC FEE						395.00	OR	,	790.00	
TOTAL CLAIMS 8/ minus 20 = * 6/						x\$11=		OR	x\$22=	1342
INDEPENDENT CLAIMS /Z minus 3 = * 9						x41=		OR	x82=	738
MULTIPLE DEPENDENT CLAIM PRESENT					+135=		OR	+270=	270	
* If the difference in column 1 is less than zero, enter "0" in column 2				TOTAL		OR	TOTAL	3140		
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)					SMALL	OR	OTHER THAN SMALL ENTTY			
ENT A	. 4. 3	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADD- TIONAL FEE
<b>AMENDMENT</b>	Total	*	Minus	**	=	x\$11=		OR	x\$22=	
MEN	Independent	*	Minus	***	=	x41=		OR	x82=	
A	FIRST PRES	SENTATION OF	MULTIPLE	DEPENDENT CL	AIM	+135=		OR	+270=	
					TOTAL ADDIT. FEE		OR ,	TOTAL ADDIT. FEE		
_		(Column 1)		(Column 2)	(Column 3)	1		, , I I		
ENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
<b>AMENDMENT</b>	Total	*	Minus	**	=	x\$11=		OR	x\$22=	
MEN	Independent	*	Minus	***	=	x41=		OR	x82=	
٧	FIRST PRES	SENTATION OF	MULTIPLE	DEPENDENT CL	AIM	+135=		OR	+270=	
(Column 1) (Column 2) (Column 3)					TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE		
ENT C		CLAIMS REMAINING AFTER AMENDMENT	age figur	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
IDM	Total	*	Minus	**	=	x\$11=		OR	x\$22=	
AMENDMENT	Independent	*	Minus	***	=	x41=		OR	x82=	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +135=							OR	+270=	
***If	* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.									

Application or Docket Number

## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1997

CLAIMS AS FILED - PART I (Column 1) (Column 2)					SMALL TYPE	ENTITY	OR		THAN ENTITY	
(column )			NUMBER		RATE	FEE		RATE	FEE	
1011						345.00	,		690.00 <del>700.00</del>	
BASIC FEE					<del>330.6</del> 0	OR		700.00		
TOT	AL CLAIMS	14	<i>m</i> inus	s 20 = 2		x\$11=		OR	x\$22=	
INDE	PENDENT CL	AIMS 1	5 minu	us 3 = .	2	x41=		OR	x82=	
MUL	TIPLE DEPEND	ENT CLAIM PRI	ESENT		:	+135=		OR	+270=	
* If the difference in column 1 is less than zero, enter "0" in column 2						TOTAL		OR	TOTAL	
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)					SMALL	OR	OTHER THAN OR SMALL ENTITY			
NT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
<b>AMENDMENT</b>	Total	•	Minus	**	=	x\$11=		OR	x\$22=	
MEN	Independent	*	Minus	***	=	x41=		OR	x82=	
A	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+135=		OR	+270=	
						TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
	•	(Column 1)	and a series of course make the series	(Column 2)	(Column 3)	1				
NTB		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL .FEE
MENDMENT	Total	•	Minus	••	=	x\$11=		OR	x\$22=	
MEN	independent	•	Minus	***	=	x41=		or	x82=	
AN	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+135=		OR	+270=	) -
						TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)		(Column 2)	(Column 3)	1 1		i	r	
NTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	•	Minus	••	=	x\$11=		OR	x\$22=	
MEN	Independent	•	Minus	•••	=	x41=		OR	x82=	
Ā	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +1							OR	+270=	
					_		1	L	TOTAL	
•• H	he "Highest Nur	nber Previously Pa	ald For IN THIS	mn 2, write "0" in colo S SPACE is less than S SPACE is less than Independent) is the	20, 61101 20.	ADDIT. FEE		_	ADDIT. FEE	